

CLAIMS

1. A portable communication device comprising:
- 2 a microphone structured for receiving sound waves, the sound
waves being representative of (i) an audio signal and (ii) hidden data
4 embedded in the audio signal, the microphone converting the received sound
waves into an electrical output signal;
- 6 a processor electrically coupled to the microphone and
configured to receive the electrical output signal in order to extract the hidden
8 data and provide information represented by the hidden data as an output
thereof;
- 10 a user interface electrically coupled to the processor and
configured to (i) receive a first input from the user and (ii) activate the
12 processor to selectively initiate extraction of the hidden data in accordance
with the first user input, the processor producing as an output the information
14 represented by the hidden data; and
- 16 a user presentation mechanism configured to present the
information represented by the hidden data to the user.
2. The portable communication device according to claim 1,
2 wherein the user interface is further configured to (i) receive a second input from the
user and (ii) activate the processor to output data representative of the second input,
4 the second input being indicative of user preferred portions of the information
representative of the hidden data presented to the user.
3. The portable communication device according to claim 2,
2 further comprising an output mechanism electrically coupled to the processor and
configured to receive the output therefrom and transmitting a signal corresponding to
4 the received output.
4. The portable communication device according to claim 3,
2 wherein the transmitted signal activates computer network functions.

5. The portable communication device according to claim 3,
2 further comprising an embedding device for (i) receiving the output from the
processor and (ii) embedding the output with identification information, wherein the
4 signal corresponding to the received output includes the embedded identification
information.

6. A portable communication device comprising:
2 a receiver structured to receive a radio frequency signal
containing hidden data and converting the radio frequency signal into an
4 electrical output signal;
a processor electrically coupled to the receiver and configured
6 to receive the electrical output signal in order to extract the hidden data and
provide information represented by the hidden data as an output thereof;
8 a user interface electrically coupled to the processor and
configured to (i) receive a first input from the user and (ii) activate the
10 processor to selectively initiate extraction of the hidden data in accordance
with the first user input, the processor producing as an output the information
12 represented by the hidden data; and
a user presentation mechanism configured for presenting the
14 information represented by the hidden data to the user.

7. A base station configured to (i) receive and process information
2 broadcast from a portable communication device, (ii) extract hidden data from the
processed broadcast information, the extracted hidden data including identifier
4 information and linking information, and (iii) establish a communication link to a
destination represented by the linking information.

8. A communication system for processing a broadcast audio
2 signal including hidden data, the communication system comprising:
a portable communication device including:
4 a microphone structured for receiving sound waves, the
sound waves being representative of (i) an audio signal and (ii) hidden
6 data embedded in the audio signal, the microphone converting the
received sound waves into an electrical output signal;
8 a processor electrically coupled to the microphone and
configured for receiving the electrical output signal in order to extract the
10 hidden data and provide information representative of the hidden data as an
output thereof;
12 a user interface electrically coupled to the processor and
configured for (i) receiving a first input from the user and (ii) activating the
14 processor to selectively initiate extraction of the hidden data in accordance
with the first user input, the processor producing as an output the information
16 represented by the hidden data; and
a user presentation mechanism configured for presenting the
18 information represented by the hidden data to the user;
wherein the user interface is further configured to (i) receive a
20 second input from the user and (ii) activate the processor to output data
representative of the second input, the second input being indicative of
22 preferred user portions of the information represented by the hidden data
presented to the user;
24 an output mechanism electrically coupled to the processor and
configured for receiving the output therefrom and transmitting a signal
26 corresponding to the received output; and
a base station configured to (i) receive and process the signal
28 corresponding to the output from the portable communication device, (ii)
extract the hidden data from the processed signal, the hidden data including
30 identifier information and linking information, and (iii) establish a
communication link to a destination represented by the linking information.

9. A portable communication device comprising:

a receiver configured to receive a broadcast signal, the broadcast signal being representative of (i) an audio signal and (ii) hidden data embedded in the audio signal, the receiver converting the received broadcast signal into an electrical output signal;

a processor electrically coupled to the receiver and configured to receive the electrical output signal in order to extract the hidden data and provide information representative of the hidden data as an output thereof;

a user interface electrically coupled to the processor and configured for (i) receiving an input from the user and (ii) activating the processor to selectively initiate extraction of the hidden data in accordance with the input, the processor producing as an output information represented by the hidden data; and

a user presentation mechanism configured for presenting the information represented by the hidden data to the user.

10. A method of communicating using a system including a processor, a user interface, and a user presentation mechanism, the method comprising:

receiving sound waves using a microphone, the sound waves being representative of (i) an audio signal and (ii) hidden data embedded in the audio signal, and converting the received sound waves into an electrical signal;

selectively extracting the hidden data from the electrical signal in accordance with a first input from a user and producing information representative of the hidden data; and

presenting the information representative of the hidden data to the user.

1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

11. A method of sharing broadcast revenue among a plurality of
2 entities, each entity of the plurality receiving revenue shares based upon a broadcast
of data signals, the data signals being representative of audio content and including
4 hidden information embedded therein, the method comprising:

6 broadcasting the data signals having the hidden information,
the hidden information including at least an identity of each of the entities;

8 receiving the broadcast data signals in a portable
communication device;

10 separating the hidden information from the information content
in the received broadcast data signals and presenting the hidden information
to a user to facilitate a user selection, the user selection being associated with
12 the hidden information;

14 wirelessly transmitting the user selection to a revenue
determination center;

16 determining a revenue share amount for each of the plurality of
entities based upon the broadcast data signals and the user selection; and

18 allocating the determined revenue share amount to each of the
plurality of entities.

12. The method of sharing broadcast revenue according to claim
2 11, wherein the separating includes converting the received broadcast data signals
into electrical signals and extracting the hidden information from the electrical
4 signals.

13. The method of sharing broadcast revenue according to claim
2 11, wherein the wirelessly transmitting includes transmitting the user selection to a
wireless network resource, the wireless network resource being coupled, at least
4 indirectly, to the revenue determination center.